

Fig-1

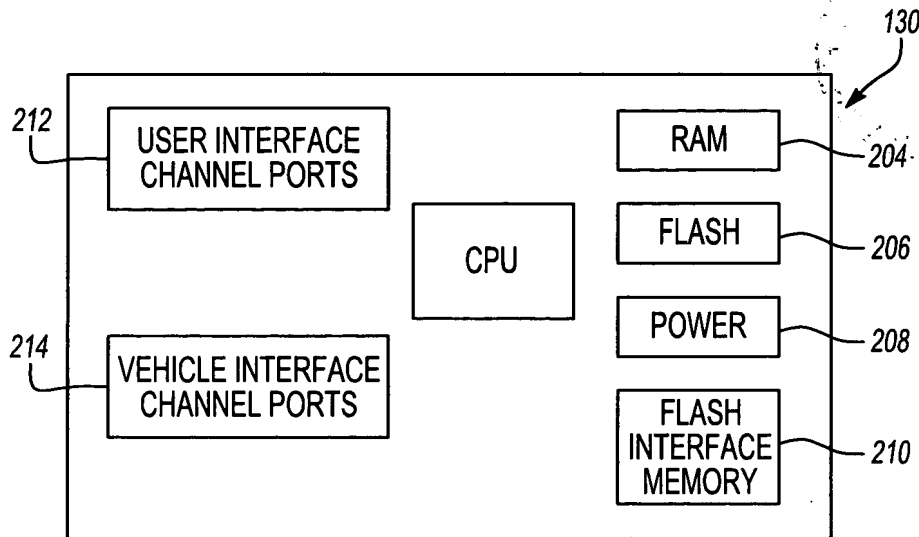


Fig-2A

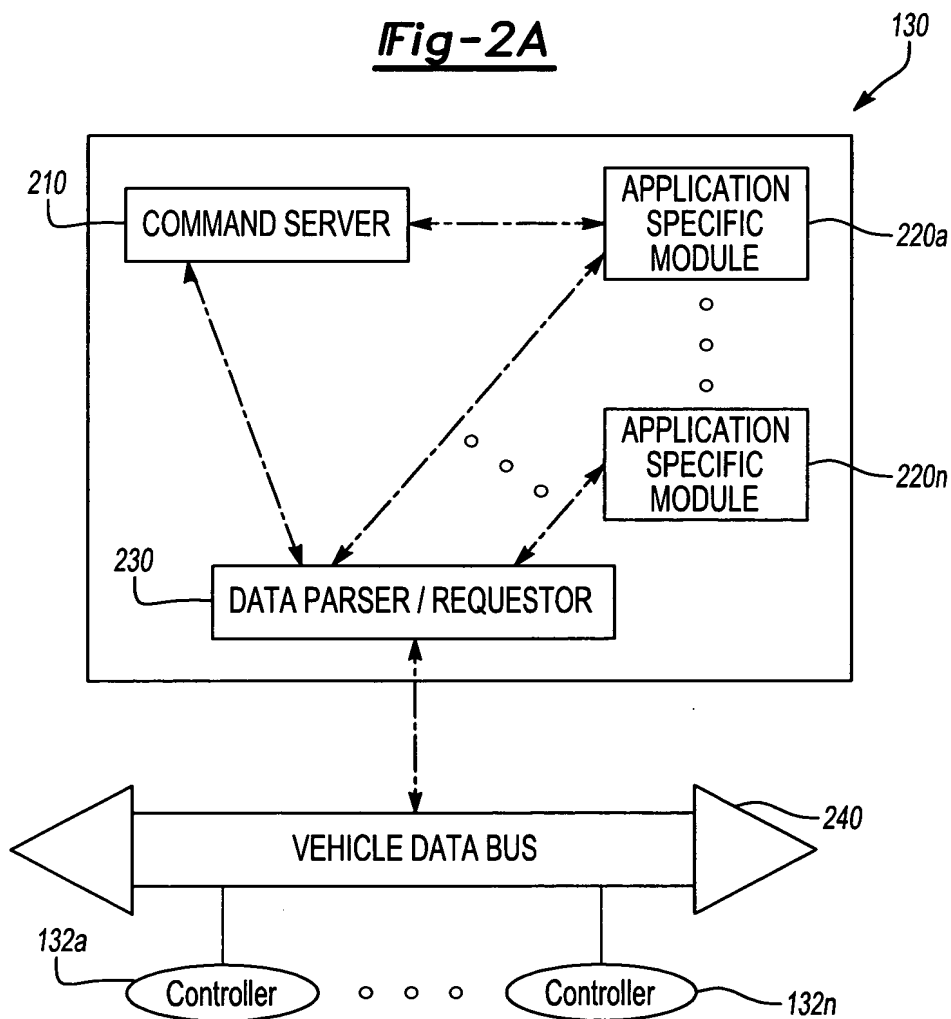


Fig-2B

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

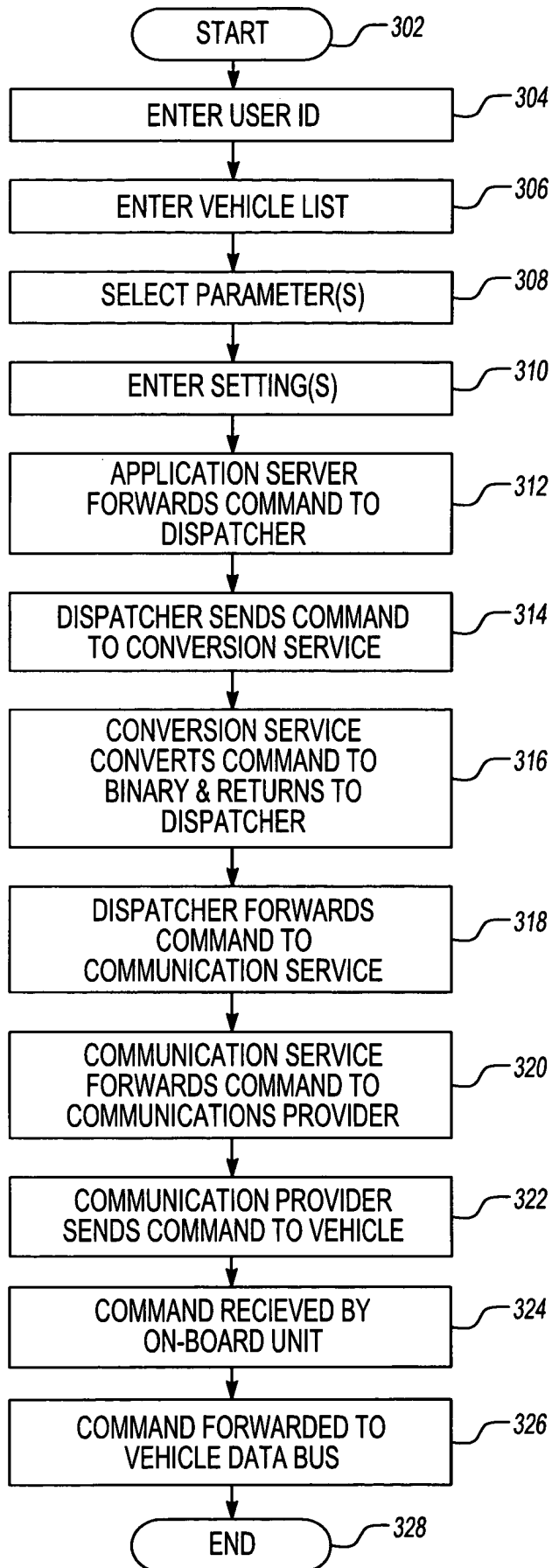


Fig-3

FLEET MONITOR

☐ Alerts
 ☐ PARAMETERS
 ☐ REPROGRAMMING

☐ Setup
 ☐ Setup

☐ View
 ☐ View - Trans
 ☐ View

☐ View - Date

Alert - Setup

1

Select Fleet

MPSI DDEC Fleet

402

Vehicle Unit ID	Description
DDEC 1	Sterling Truck ST9500 2000
DDEC 2	Freightliner Century 2000

404

406

T. Codes	Tamper
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

408

Select All	Select All
Clear All	Clear All
Submit	

Set Alert Reporting

2

Checked boxes will enable alert reporting from the corresponding vehicle.
Un-checked boxes will disable alert reporting from the corresponding vehicle.

Fig-4A

FLEET MONITOR

☐ Alerts ☐ PARAMETERS ☐ REPROGRAMMING
☐ Setup ☐ Setup
☐ View ☐ View - Trans ☐ View

Fig-4B

410

Alerts - View

Select Date Range
01/01/2000 to 08/15/2000

1

Select Fleet
MPSI DDEC Fleet

2

View Results

the results of your query are shown below. Records are displayed in reverse date order.

3

412

416

418

Reading Date/Time	Vehicle Unit ID	Parameter Name	Alert Value
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08/03/2000 06:08:47	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
08/03/2000 06:08:42	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:20:26	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:18:24	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:12:54	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/28/2000 14:05:41	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

07/24/2000 20:11:00	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/24/2000 18:01:03	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/28/2000 17:46:47	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/21/2000 11:07:33	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/21/2000 10:58:36	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/13/2000 12:12:37	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/13/2000 12:12:28	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/10/2000 15:55:16	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
05/25/2000 10:59:43	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/24/2000 16:54:34	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.

Fig-4C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

05/22/2000 11:11:47	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/22/2000 11:11:42	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
05/21/2000 17:11:49	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID:98;FMI:4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
05/21/2000 17:05:15	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/21/2000 17:05:10	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW

Fig-4D

FLEET MONITOR

☐ Alerts
☐ PARAMETERS
☐ REPROGRAMMING
☐ Setup
☐ View
☐ View - Trans
☐ View - Date

Parameters - Setup

Select Fleet
 MPSI DDEC Fleet

Select Vehicle
 (All)

Select Parameter
 Profile

Submit Request
 Enter a description for this
 request and then click the
 "Submit" button to query the
 selected vehicle(s).

Fig-5A

1

2

3

4

DDEC Engine Config

Parameter Name	Parameter Name
Air Temp TQ Limit	Cruise Control Enable
Engine Series	Idle Speed RPM
Optimized Idle	Override
Sys Active	Torque Reduction Factor
Vehicle Speed Enable	Vehicle Speed Limit

DDEC Engine Data

Parameter Name	Parameter Name
Air Inlet Temperature	Beginning of Injection
Coolant Temperature	ECM Volts
Engine RPM	Exhaust Temperature
ISD Driver Alert Mode	Idle Shutdown Status
Intercool Temperature	Knock Control
Oil Temperature	PWM #1
Speed Adjust	TPS counts
Turbo Speed	Vehicle Speed

Parameter Name	Parameter Name
Cruise Set	ECM 128 Cylinder
Max Cruise Speed	Min Cruise Speed
Shutdown	Software Version
VSG Set RPM	VSS Enable

Parameter Name	Parameter Name
Boost	Byp Value
Engine Brake	Engine Brake Percentage
Fuel Pressure	Fuel Temperature
Inject Pressure	Intake Air Temperature
Knock Volts	Oil Pressure
Pulse Width	Shutdown
TPS Percentage	Torque Reduction Factor

500

504

505

502a

502b

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

502c

DDEC Engine Info Select

Parameter Name	Parameter Name	Parameter Name
Active Codes	Air Filter RS	Air Temp TQ Limit
Alarm	Ambient Air Temperature	Barometric Pressure
Cool Level	Coolant Pressure	Cruise Set
Engine Governor	Engine Load Percentage	Exit Pump Pressure
Half Engine Mode Status	Idle Shutdown State	Inj Pump Usage
Oil Filter RS	Oil Level	Override
SRS Recieved	Seq Turbo	T-Stat
Torque	Torque	VSG Set RPM

506

502d

DDEC Odometer Only Select

Parameter Name	Parameter Name	Parameter Name
Total Odometer		

507

Fig-5B

FLEET MONITOR

- ☐ Alerts ☐ PARAMETERS ☐ REPROGRAMMING
☒ Setup ☒ Setup
☒ View ☒ View - Trans ☒ View

Parameters - View by Transaction ☒ View - Date

Select Transaction

Select the transaction you wish to view. Transactions are listed in reverse date order.



View Results

The results for the selected transaction are shown below.

Fig-5C

Transaction Description	Submitted By	Submitted On	Param Profile Requested	
DDEC Odometer Only for DDEC 1	bcarl	08/11/2000 05:23:57 PM	DDEC Odometer Only	Select
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:23:32 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:23:11 PM	DDEC Engine Config	Select
DDEC Trip Data for DDEC 2	bcarl	08/11/2000 05:12:30 PM	DDEC Trip Data	Select
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:12:10 PM	DDEC Engine Config	Select
DDEC Trip Data for MPSI DDEC Fleet	bcarl	08/11/2000 05:11:02 PM	DDEC Trip Data	Select
DDEC 1 new config 2	bcarl	08/10/2000 04:05:32 PM	DDEC Engine Config	Select
DDEC 1 new config	bcarl	08/10/2000 04:04:47 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 2	bcarl	08/08/2000 02:58:39 PM	DDEC Engine Config	Select
DDEC Engine Info for DDEC 2	schang	08/08/2000 07:51:31 AM	DDEC Engine Info	Select

DDEC Total Engine for MPSI DDEC Fleet	guest	08/02/2000 11:32:06 PM	DDEC Total Engine	Select
DDEC Engine Config for DDEC 2	bcarl	08/02/2000 09:17:44 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	08/02/2000 09:17:32 PM	DDEC Engine Config	Select
DDEC Engine Config for MPSI DDEC Fleet	bcarl	08/02/2000 09:17:18 AM	DDEC Engine Config	Select
Mack Engine Info for Mack 2	bcarl	08/02/2000 09:16:42 AM	Mack Engine Info	Select
DDEC Engine Config for DDEC 2	bcarl	08/02/2000 09:01:21 AM	DDEC Engine Config	Select
my description for this request	guest	08/01/2000 03:31:20 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 2	bcarl	07/28/2000 02:01:43 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 2	bcarl	07/28/2000 02:01:31 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:51:22 PM	DDEC Engine Config	Select
DDEC Engine Info for DDEC 1	bcarl	07/28/2000 01:49:22 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:48:43 PM	DDEC Engine Config	Select
Mack Engine Info for Mack 1	bcarl	07/28/2000 01:33:35 PM	Mack Engine Info	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:33:05 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:31:18 PM	DDEC Engine Config	Select

Fig-5D

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:28:58 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:25:58 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:24:16 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:37:55 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:34:52 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:33:33 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:25:34 AM	DDEC Engine Config	Select

Fig-5E

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FLEET MONITOR

- ☐ Alerts
☒ PARAMETERS
☐ REPROGRAMMING
- ☒ Alerts
☒ Setup
☐ View
- ☐ Alerts
☐ Setup
☐ View - Trans
☐ View
- ☐ Alerts
☐ Setup
☐ View - Date

Parameters - View by Transaction

Select Transaction

DDEC Trip Data for Werner Fleet 3



View Results

The results for the selected transaction are shown below.

Transaction details:

Description: DDEC Trip Data for Werner Fleet 3

Data Profile Requested: DDEC Trip Data

Submitting user: werner

Submit date/time: 08/12/2000 10:38:03 AM

Last response at: 08/12/2000 05:50:26 AM

524

Fig-5F

Vehicle Unit ID	Trip Average Fuel	Trip Avg Fuel Economy	Trip Cruise Time	Trip Distance	Trip Driving Avg Load	Trip Engine Brake Time	Trip Engine Time	Trip Fuel Used	Trip Idle Fuel Savings	Trip Idle Time	Trip Opt Idle Fuel Savings	Trip Opt Idle Time Savings	Trip VSG Fuel Used	Trip VSG Time
31481	4.8 GPH	6.3 MPG	29.1 HR	2611.9 mi	44%	1.5 HR	86.1 HR	414.1 GAL	29.3 GAL	40.7 HR	N/A	N/A HR	28.0 GAL	38.1 HR
31541	5.0 GPH	5.8 MPG	66.9 HR	6063.5 mi	46%	4.3 HR	208.2 HR	1035.0 GAL	71.4 GAL	101.3 HR	N/A	N/A HR	68.8 GAL	96.5 HR
31556	6.3 GPH	6.3 MPG	27.9 HR	2938.4 mi	45%	1.1 HR	74.1 HR	468.5 GAL	16.8 GAL	23.8 HR	N/A	N/A HR	14.6 GAL	19.5 HR
31557	3.6 GPH	5.9 MPG	9.6 HR	1218.8 mi	39%	0.4 HR	56.5 HR	206.0 GAL	20.4 GAL	31.4 HR	N/A	N/A HR	18.0 GAL	26.4 HR

520

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

31632	5.3 GPH	6.3 MPG	15.9 HR	3106.7 mi	43%	3.5 HR	92.8 HR	494.0 GAL	28.1 GAL	37.6 HR	N/A GAL	N/A HR	27.6 GAL	36.3 HR
31635	3.9 GPH	5.8 MPG	13.7 HR	1693.5 mi	45%	1.3 HR	74.8 HR	289.9 GAL	22.9 GAL	44.0 HR	N/A GAL	N/A HR	20.9 GAL	40.9 HR
31636	4.3 GPH	6.4 MPG	8.0 HR	951.4 mi	42%	0.7 HR	34.3 HR	148.8 GAL	12.6 GAL	17.8 HR	N/A GAL	N/A HR	12.3 GAL	17.0 HR
31637	4.0 GPH	5.3 MPG	9.6 HR	1923.6 mi	47%	0.7 HR	91.2 HR	360.9 GAL	40.9 GAL	56.8 HR	N/A GAL	N/A HR	39.9 GAL	55.0 HR
31638	6.3 GPH	7.3 MPG	50.4 HR	3760.0 mi	40%	0.6 HR	81.4 HR	515.1 GAL	8.5 GAL	13.0 HR	N/A GAL	N/A HR	7.6 GAL	11.4 HR
31639	4.7 GPH	6.7 MPG	15.3 HR	2906.4 mi	42%	0.1 HR	92.3 HR	435.3 GAL	21.4 GAL	42.0 HR	N/A GAL	N/A HR	19.6 GAL	39.1 HR
31642	3.8 GPH	5.1 MPG	15.5 HR	1675.2 mi	50%	0.0 HR	85.1 HR	326.5 GAL	33.1 GAL	55.3 HR	N/A GAL	N/A HR	31.8 GAL	52.8 HR

Fig-5G

FLEET MONITOR

☐ Alerts
☐ PARAMETERS
☐ REPROGRAMMING

(1) Setup
 (1) View

(1) Setup
 (1) View - Trans
 (1) View - Date

Fig-6A

600

Select Fleet
Werner Fleet 3

Select Parameter
Vehicle Speed Limit

Enter values
Indicate new settings (without units)
for each vehicle in the fields
provided. If a vehicle has no entry
box, then it cannot be
reprogrammed for the selected
parameter.

For Available Settings for Enumerated Reprogramable Parameters Click here

Vehicle Unit ID	Description	Current Setting	New Setting
31457	Freightliner Classic XL 2000	66 mph	
31481	Freightliner Classic XL 2000	66 mph	
31541	Freightliner Classic XL 2000	66 mph	
31542	Freightliner Classic XL 2000	66 mph	
31556	Freightliner Classic XL 2000	65 mph	
31557	Freightliner Classic XL 2000	66 mph	
31589	Freightliner Classic XL 2000	64 mph	

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

31599	Freightliner Classic XL 2000	Unknown	<input type="text"/>
31632	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31635	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31636	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31637	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31638	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31639	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31642	Freightliner Classic XL 2000	65 mph	<input type="text"/>

Submit

Fig-6B

FLEET MONITOR

☐ Alerts ☐ PARAMETERS ☐ REPROGRAMMING
☒ Setup ☒ Setup ☒ Setup
☒ View ☒ View - Trans ☒ View

Reprogramming - View ☒ View - Date

Fig-6C

1 Select Fleet
Werner Fleet 3

2 Select Parameter
All vehicles

3 Select
Parameter/Status
Vehicle Speed Limit

4 View Results
The results of your query are shown below. The records are ordered by vehicle, then parameter.

Vehicle	Parameter	Submit Date/Time	Current	Requested	Status
31457	Vehicle Speed Limit	8/14/2000 06:17:11	66 mph	65	Sending
31481	Vehicle Speed Limit	08/14/2000 06:17:11	66 mph	65	Message Sent to Vehicle (12/31/1999 20:01:01)
31541	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	65	Pending (08/14/2000) 06:24:34)
31542	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	65	Sending
31556	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 20:53:33)
31557	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	66	Ok (08/14/2000 13:11:12)
31589	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	66	Message Sent to Vehicle. (12/31/1999 20:01:01)

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

31599	Vehicle Speed Limit	08/14/2000 06:17:12	Unknown	66	Message Sent to Vehicle (12/31/1999 20:01:01)
31632	Vehicle Speed Limit	08/14/2000 06:17:12	84 mph	66	Pending (08/14/2000 07:45:27)
31635	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	66	Ok (08/14/2000 12:36:39)
31636	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	65	Message Sent to Vehicle (12/31/1999 20:01:01)
31637	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 14:05:18)
31638	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 09:23:07)
31639	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 11:55:48)
31642	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Message Sent to Vehicle. (12/31/1999 20:01:01)

Fig-6D

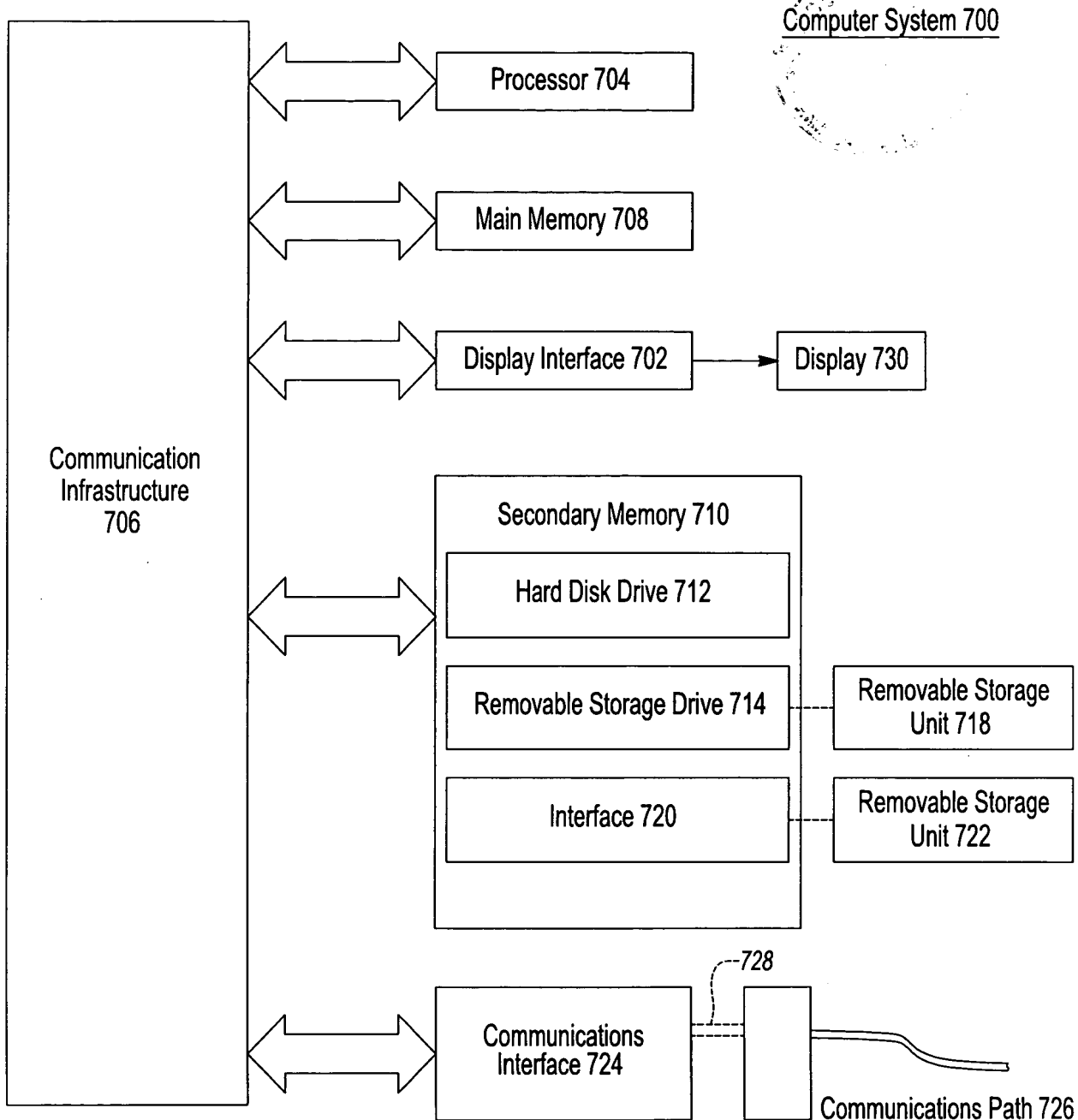


Fig-7